Earthdata UTC Meeting 05.24.2016

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
    - EMS Release 1.4.0 - URS Fixes in EMS
        - Includes: Retrieving Primary Study Area and Country from URS to associate with URS-enabled records. Also added a LoginType field to easily identify URS records for EMS reports
        - Currently being tested in EMS UAT. Planned promotion to EMS Production after ESDIS approval
    - MODAPS
        - MODAPSNRT3 - In production as of Tuesday, May 25, 2016.
        - MODAPS OPeNDAP - in production as of Tuesday, May 25, 2016
        - MODAPS added version identification to Collection 5 and Collection 6 MODIS products
    - LARCNRT2
        - Configured new data provider LARCNRT2.   Currently in UAT, will promote to production after confirmation from ASDC and EMS Analysts
    - LP DAAC
        - OPeNDAP currently being tested in UAT

3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on** Wiki
- **DAAC On-boarding Status and Integration Schedule can be found on** Wiki
    - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
    - Current Sprint 2.73
    - In Production(Release 4.48)
- Earthdata Login public wiki

Sprint Status

Sprint	Start Date	Release	UAT Date	OPS Date
2.73	23 May 2016			
2.72	09 May 2016		26 May 2016	02 Jun 2016
2.71	25 Apr 2016	**4.48**	12 May 2016	19 May 2016

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2.70	📅 11 Apr 2016	4.47	📅 28 Apr 2016	📅 05 May 2016
2.69	📅 28 Mar 2016			
2.68	📅 14 Mar 2016	4.46	📅 31 Mar 2016	📅 07 Apr 2016
2.67	📅 29 Feb 2016	4.45	📅 17 Mar 2016	📅 24 Mar 2016
2.66	📅 15 Feb 2016	4.44	📅 10 Mar 2016	📅 10 Mar 2016
2.65	📅 01 Feb 2016			
2.64	📅 18 Jan 2016	4.43	📅 04 Feb 2016	📅 11 Feb 2016

Ticket Status

Ticket	Sprint
URSFOUR-655 - Include profile 'age' with user profile info.	2.73
URSFOUR-649 - Reference to 'User Registration System' in Earthdata Login GUI.	2.72
URSFOUR-643 - Provide a means for an application to require a value for user profile fields.	2.70
URSFOUR-639 - Improved error message needed.	2.68
URSFOUR-628 - Accounts locked due to too many login attempts should unlock automatically after a short time interval.	2.71

URSFOUR-623 - Create a urs page that can act as a test server for clients.	2.68
URSFOUR-615 - Improve URS GUI messages for locked accounts	2.60
URSFOUR-607 - Provide a way to easily migrate production URS users into UAT	2.60
URSFOUR-594 - Provide an ROPC implementation for URS	2.58
URSFOUR-593 - Provide a 'User Services' role within URS.	2.58
URSFOUR-590 - Some of the text is not visible for oauth/authorize and users/app_approve page after EUI changes	2.57

4. Earthdata

Nathan Clark Brett McLaughlin Mark Reese

- Initial release of status application (DOWN) ready for testing
  - Contact Nathan Clark if you feel you should be on the testing distributions
- Earthdata Environment Configuration Service (EECS)
  - New project for use by NGAP and ECC
  - Secure encrypted configuration storage for hosted projects

Key tickets in current sprint

Ke y	Su m ma	Cr eat ed	Up dat ed	Du e	As sig ne	Re po rte	Pri ori ty	Sta tus	Re sol uti

ry   **e**   **r**   **on**

> ⚠ JIRA project doesn't exist or you don't have permission to view it.
>
> View these issues in JIRA

5. User Support Tool
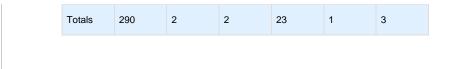
Nemanja Djuric

Issues:

Recent Metrics

Kayako Overall Last 9 Months Tickets

Kayako Tickets Last 9 Months

Total Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting for DAAC	Waiting for User

ASDC	1					
Account Request				1		
CDDIS	1					
CMR	1					
ECC	9			2		
ECHO	2				1	
Earthdata	7	1				
Earthdata Search	6			1		
FIRMS	16			1		1
GCMD	6					
GHRC	7			3		
GIBS	7					
LPDAAC	78		2	2		1
ORNL DAAC	3			3		
PO.DAAC	9			11		
PO.DAAC Forum	1					
Rapid Response	2					
Reverb	3					
SEDAC	1					
Sea Level Change	1					
URS	110					1
UUI	1					
Worldview	19	1				

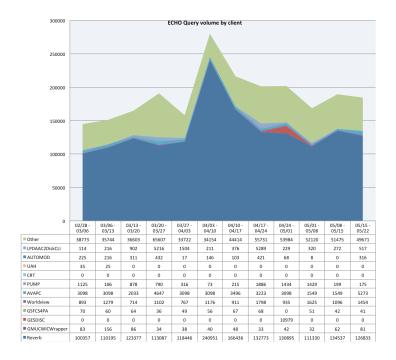|					
Totals	290	2	2	23	1	3

6. CMR/ECHO/Earthdata Search/MMT
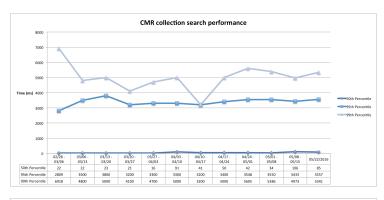
Doug Newman

CMR/ECHO System Status

System Issues
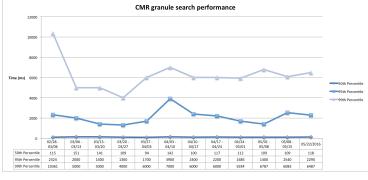
- 5/13/16 ECHO/CMR operations outage 4:08-4:39pm Memory outages on opsapp13 and opsapp14

Recent Metrics

CMR client usage

CMR query volume by client

Legend: GCMD-SyncTool/Watch, Icebridge unknown, Metadata quality check, Icebridge qa, GCMDDeveloper, EDSC DEV, GIBS, Icebridge int, Icebridge prod, Reverb, LPDaac2Disk, Icebridge dev, MMT, CMR OpenSearch, GCMD-KeywordSearch, EDSC PROD, Unknown

ECHO Client Usage

ECHO Query volume by client

	02/28 - 03/06	03/06 - 03/13	03/13 - 03/20	03/20 - 03/27	03/27 - 04/03	04/03 - 04/10	04/10 - 04/17	04/17 - 04/24	04/24 - 05/01	05/01 - 05/08	05/08 - 05/15	05/15 - 05/22
Other	38773	35744	36603	65607	33722	34154	44414	55731	53984	52120	51475	49671
LPDAAC2DiskCLI	114	216	902	5216	1504	211	376	5289	229	320	272	517
AUTOMOD	225	216	311	432	17	146	103	421	68	8	0	316
UAH	35	25	0	0	0	0	0	0	0	0	0	0
CRT	0	0	0	0	0	0	0	0	0	0	0	0
PUMP	1125	106	878	790	316	73	215	1886	1434	1429	199	175
AVAPC	3098	3098	2033	4647	3098	3098	3496	3223	3098	1549	1549	5273
Worldview	893	1279	714	1102	767	1176	911	1798	935	1625	1096	1454
GSFCS4PA	70	60	64	36	49	56	67	68	0	51	42	41
GESDISC	0	0	0	0	0	0	0	0	10979	0	0	0
GMUCWICWrapper	83	156	86	34	38	40	48	33	42	32	62	81
Reverb	100357	110195	123377	113087	118446	240951	166436	132773	130895	111330	134537	126833

CMR Query Performance

CMR collection search performance

	02/28 - 03/06	03/06 - 03/13	03/13 - 03/20	03/20 - 03/27	03/27 - 04/03	04/03 - 04/10	04/10 - 04/17	04/17 - 04/24	04/24 - 05/01	05/01 - 05/08	05/08 - 05/15	05/22/2016
50th Percentile	22	22	23	21	16	91	41	50	42	34	106	85
95th Percentile	2809	3500	3800	3200	3300	3300	3200	3400	3548	3550	3433	3557
99th Percentile	6918	4800	5000	4100	4700	5000	3200	5000	5605	5386	4973	5341

CMR granule search performance

	02/28 - 03/06	03/06 - 03/13	03/13 - 03/20	03/20 - 03/27	03/27 - 04/03	04/03 - 04/10	04/10 - 04/17	04/17 - 04/24	04/24 - 05/01	05/01 - 05/08	05/08 - 05/15	05/22/2016
50th Percentile	115	151	141	109	94	142	100	117	112	109	109	118
95th Percentile	2324	2000	1400	1300	1700	3900	2400	2200	1685	1400	2540	2290
99th Percentile	10361	5000	5000	4000	6000	7000	6000	6000	5934	6787	6083	6487

CMR/ECHO Release Status

In Production: 1.49/10.121

CMR-2751
ReindexAllCollections Job failing to run

CMR-2686
As a Client User, I should be able to tag multiple collections at the same ti...

CMR-2684
Bulk associating tags takes a very long time

CMR-2676
RelatedURL Relation property not translated to DIF properly

CMR-2249
As a user, I want CMR to return collections with later version ids before c...

CMR-1678
As a client, I want a way to know that a collection has undergone curation...

In UAT: 1.50/10.122

CMR-2755
Searching with a single additional attribute in the legacy format fails

CMR-2748
Return and allow filtering off of the start date of a collection's first granule ...

CMR-2747
UMM JSON random data roundtrip tests are failing often

CMR-2744
As a client user, I want to sort collection results so that collections with gr...

CMR-2713
Support output of CSW compliant ISO schema

CMR-2710
Can't re-publish edited DIF record

CMR-2708
Support result set navigation by index

Earth Data Search Release Status

In Production: 1.17

EDSC-1042
Map from CWIC tag to EDSC datasource / renderer tags

EDSC-1024
Remove search by grid coordinate feature

EDSC-1023
Remove 2D Coordinate Systems Facet

EDSC-1021
Enable political boundary and placename layers by default

EDSC-1020
Improve examples of cloud cover percentage

EDSC-1018
Shapefile search dialog obscured by the sidebar

EDSC-1014
Selecting the ETM+ instrument facet returns 0 results and is impossibl...

EDSC-1004
OSDD endpoint on CWIC collection details page is invalid

EDSC-1000
Collection Details extent: text renders on top of map

EDSC-992
Failed MRT Services on MOD13A2 v5 (Earthdata Search)

EDSC-969
As a user, I want my data download scripts to authenticate against UR...

EDSC-817
As a user, I want to remove single non-NASA granules from my results...

EDSC-806
As a user, I want to see an indication that timeline data is not available...

EDSC-798
As a user, I want to search by collection-specific OpenSearch fields for...

ECHO-602
Typo on Reverb Account page (profie)

In UAT: 1.18

EDSC-1060
CWIC granules can no longer be retrieved

EDSC-1055
As a provider, I want to access my portal using a URL path without par...

EDSC-1051
Colormaps format/content has changed, breaking CI

EDSC-1041
As a user, I want accessing the site tour within a portal view to take me...

EDSC-1040
As a user, I want choosing a saved data access done within a portal to...

EDSC-1039
As a user, I want saved data accesses associated with my account to ...

EDSC-1038
As a user, I want choosing a saved project done within a portal to retur...

EDSC-1037
As a user, I want saved projects associated with my account to appear...

EDSC-1036
As a user, I want a link to all of Earthdata Search from within a portal s...

EDSC-1035
As a data provider, I want to restrict collections in my portal view of Ear...

EDSC-1034
As a data provider, I want to direct users to a custom portal view of Ear...

EDSC-1033
Update how EDSC sends additional attribute queries to CMR

EDSC-1030
Earthdata Search - granule wildcard search option appears not to wor...

EDSC-1028
Add metrics to allow CMR to quantify relevance ranking

EDSC-1022
Clicking on a granule with a "No Image Available" thumbnail will often ...

Metadata Management Tool Release Status

In Production: 1.23

MMT-514

As a user, MMT should remember the page I was trying to access if I mus...

MMT-505

Re-order the collection forms according to importance and which have re...

MMT-502

As a user, I should be able to search for spatial keywords using the keyw...

MMT-495

Saving draft converts invalid non-numeric entries to numeric entries witho...

MMT-468

Use consistent title for Resource Citation vs Collection Citation

In UAT: 1.24

MMT-552

Can't expand Collection Information form when attempting to enter new s...

MMT-547

Member values are different formats for adding members and filtering by ...

MMT-545

Inconsistent labeling in breadcrumbs

MMT-528

500 error when attempting to publish AE_Land.002

MMT-524

Not all state names sort in alphabetical order

MMT-520

Information button for Spatial Extent shows text from last information butt...

MMT-515

Auto-populate organization URL if provided by the CMR keyword endpoint.

MMT-502

As a user, I should be able to search for spatial keywords using the keyw...

MMT-498

As a group manager, I should be able to invite potential group members t...

MMT-494

Can't sort Full Metadata Record Search results by ShortName

MMT-396

Tailor Related URL field set to the type of URL

Upcoming PMs

25 May 2016

- CMR 1.50 to PROD, 1.51 to UAT
- EDSC 1.18 to PROD, 1.19 to UAT
- MMT 1.24 to PROD, 1.25 to UAT
- ECHO 10.122 to OPS, 10.123 to Partner Test

7. GIBS

Matthew Cechini

- **General Items**
  - UAT Test Environment - To be refreshed in the next month and will be the primary location for new imagery products. Currently, the GIBS SIT environment is serving that purpose.
  - ICD Revision 2 - Finalizing internal review and updates for WMS & Granules. Will release for public review in the next couple weeks.
  - WMS "Invalid Date" Handling - Coordinating with GIBS WMS provider to discuss consistent WMS behavior when imagery is reqeusted for dates that do not exist.
- **New/Planned Products**
  - Landsat WELD
    - Ongoing processing of full resolution True Color and NDVI imagery.
    - Completed selection of false color combinations (Matches MODIS 367 & 721 imagery)
  - MODIS Collection 6 - Atmosphere & Land Reprocessing
    - Atmosphere - 2012 Completed, processing 2011
    - Land L2 - Received concurrence from LPDAAC. Coordinating concurrence with NSIDC
    - Land L3 - Coordinating with MODAPS on first phase of sample imagery
  - BEDI Activities - Actively reviewing sample imagery for the following instruments:
    - OMI/AIRS - GESDISC
    - SST/Chlorophyll - OBPG
    - RSS/LIS - GHRC
    - MOPITT/CERES/MISR - ASDC
    - ASTER L1T - LPDAAC
      - Coordinating granule access with EDSC
    - Aquarius/MEaSUREs/SSMI - NSIDC
      - Currently performing historical processing

Alex De Luca

- **GIBS Production Status**
  - Completed
    - Supported SMAP transition to new data versions.
      - Coordinating updates to data products and addition of new product with Worldview team
    - Addressed space issue impacting Image Download
    - Fixed issues with Coastlines, Reference Labels, and Reference Features layers
  - In Progress:
    - Image Download
      - Polar GeoTIFFs not georeferenced correctly for some GIS applications
      - External SEDAC layers not in new GIBS WMS configuration
    - TWMS
      - Polar TWMS access awaiting code updates
      - Some Geographic TWMS issues for GDEM Greyscale and VIIRS Earth at Night products
    - Enhancing our automated monitoring of GIBS
  - Testing:
    - Updates to OMI NRT Aerosol products (new colormaps & delivery mechanisms)
    - Software update to support in-place updates to reduce latency for NRT products

8. Worldview

Taylor Gunnoe

- Added orbit tracks for SMAP, Landsat 8, ISS and GOSAT
- Successful build of Worldview with new GIBS endpoints
- Debugging errors from Natural Events UI

9. Open Floor

10. Special Topic

Earthdata Status application - https://status.earthdata.nasa.gov/

Links:

- Status app integration instructions: How to integrate the Earthdata Status App
- Application registration request form: https://bugs.earthdata.nasa.gov/servicedesk/customer/portal/5/create/39
- REST API: https://status.earthdata.nasa.gov/api/docs/index.html